

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: Estimate for Construction of Concrete Roads in Thindlu Surrounding area in Ward No. 09, Vidyaranyapura Sub Division.

Estimate Cost: 2500000.00

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
A. Concrete Road									
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. Page No. 138 / Item No. 19.1/ PWD SR 2014-15	Cum	1	120.00	4.90	0.15	88.20		
	CC Road						88.20	75.60	6668.00
	Basic Rate	70.00							
	Area Weightage @8%	5.60							
	Total	75.60							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12/ Item No. 4.3/ PWD SR 2014-15	Cum	1	120.00	4.90	0.15	88.20		
							88.20	4847.04	427509.00
	Basic Rate	4488.00							
	Area Weightage @8%	359.04							
	Total	4847.04							
3	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregates @ 0.43 cum with superplasticiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2, No. 12/ Item No. 4.5/ PWD SR 2014-15	Cum	1	120.00	4.90	0.15	88.20		
							88.20	5852.52	516192.00
	Basic Rate	5419.00							
	Area Weightage @8%	433.52							
	Total	5852.52							

Description	Unit	No.	L	B	D	Qty	Rate	Amount
Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater bbed with floating disc including cost of generator HOM of machinery Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift No. 171 / Item No. 22.7 / PWD SR 2014-15	Sqm	1	120.00	4.90		588.00		
						588.00	97.20	57154.00
Basic Rate						90.00		
Area Weightage @8%						7.20		
Total						97.20		
Providing groove cutting for cement pavement wifth of 5mm to 10mm and depth 800mm-100mm including cost of cutting machine, generator and HOM of machinery, including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillarsm and filler metal etc including of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications Page No. 172 / Item No. 22.8 / PWD SR 2014-15	Rmt	12	4.90			58.80		
						58.80	124.20	7303.00
Basic Rate						115.00		
Area Weightage @8%						9.20		
Total						124.20		

A. Total For cc road 1014826.00

B. Balance work of senior citizen Building

5 KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33. Page No. 51 / Item No. 9.11 / PWD SR 2014-15	Cum	1	7.00	0.10	0.15	0.11		
Main door		2	6.30	0.08	0.15	0.14		
						0.25	105952.30	26144.00
Basic Rate						99955.00		
Area Weightage @6%						5997.30		
Total						105952.30		
7 KSRB 9.5-2: Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures).Specification No.9.34. Page No. 52 / Item No. 9.15/ PWD SR 2014-15	Sqm	1	1.20		2.10	2.52		
		2	0.90		2.10	3.78		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
							6.30	4634.32	29196.00
	Basic Rate		4372.00						
	Area Weightage @ 6%		262.32						
	Total		4634.32						
8	KSRB 7.10 : Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading	Sqm							
	W		11	1.80	1.35		26.73		
	V		2	0.90	0.6		1.08		
							27.81	3879.60	107892.00
	Basic Rate		3660.00						
	Area Weightage @ 6%		219.60						
	Total		3879.60						
9	Providing & fixing factory made PVC Door frame of size 50x47 mm with a wall thickness of 5mm, made out of extruded 7mm rigid PVC foam sheet metered cut at corners & jointed 2No.s of 150mm long brackets of 15x15 mm M.S. Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufactures specification & direction of Engineer-in charge Page No. 57 / Item No. 9.84/ PWD SR 2014-15 SOLID PVC DOOR FRAME	Sqm							
	W		2	0.75	2.10	3.15	3.15	550.14	1733.00
	Basic Rate		519.00						
	Area Weightage @ 6%		31.14						
	Total		550.14						
10	Supply and fixing of door shutters made of rigid PVC extruded hollow section (Nandi or equivalent) of 20mmx200mm with the wall thickness of 1.0mm +/-0.1mm equally divided into 4no's with tongue and groove locking arrangement The shutter frame is made of 58x24mm with the wall thickness of 1.5mm+/-0.15mm section metricut and joined at 4 corners with 125mmx225mm plastic brackets. The shutter shall be horizontally reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter." Page No. 58 / Item No. 9.86 / PWD SR 2014-15	Sqm							
	W		2	0.75	2.10	3.15			

Description	Unit	No.	L	B	D	Qty	Rate	Amount
						3.15	1865.60	5877.00
Basic Rate	1760.00							
Area Weightage @ 6%	105.60							
Total	1865.60							
KSRB 7.9 : Providing and fixing M.S. grill work for windows and ventilators weighing using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 Page No. 32 / Item No. 7.9 / PWD SR 2014-15								
	Kgs	11	1.80	1.35		26.73		
		2	0.90	0.60		1.08		
						27.81		
wt =27.81 x25 kg/sqm						695.25	98.58	68538.00
Basic Rate	93.00							
Area Weightage @ 6%	5.58							
Total	98.58							
2 Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. Page No. 104 / Item No. 14.43 / PWD SR 2014-15								
	Sqm	1	8.40	14.10		118.44		
Hall		2	8.40	0.10		1.68		
Skirting		2	14.10	0.10		2.82		
Rooms		2	5.00	3.40		34.00		
Skirting		4	5.00	0.10		2.00		
		4	3.40	0.10		1.36		
						160.30	1190.38	190818.00
Basic Rate	1123.00							
Area Weightage @ 6%	67.38							
Total	1190.38							
13 KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal Type) with black solid plastic seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications. KBS 11 Specification No. KBS 11 Page No. 74 / Item No. 12.5 PWD SR 2014-15								
	Each	2				2.00	5230.04	10460.00

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Basic Rate	4934.00							
	Area Weightage @ 6%	296.04							
	Total	5230.04							
14	KSRB 2.5 : Earthwork excavation(in deposited soil) and filling sides of foundation upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layer by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications. Specification. No. KBS 2.9.9/2.9.10.1/2.1.1, Page No. 6 / Item No. 2.12 / PWD SR 2014-15	Cum							
		1	12.00	1.00	0.60	7.20			
		1	12.00	5.00	0.60	36.00			
		1	19.00	2.00	0.60	22.80			
						66.00	232.14	15321.00	
	Basic Rate	219.00							
	Area Weightage @ 6%	13.14							
	Total	232.14							
15	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2. No. 12/ Item No. 4.3/ PWD SR 2014-15	Cum							
		1	12.00	1.00	0.15	1.80			
		1	12.00	5.00	0.15	9.00			
		1	19.00	2.00	0.15	5.70			
						16.50	4757.28	78495.00	
	Basic Rate	4488.00							
	Area Weightage @ 6%	269.28							
	Total	4757.28							
16	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1.4.2. No. 12/ Item No. 4.6/ PWD SR 2014-15	Cum							
		1	12.00	1.00	0.10	1.20			
		1	12.00	5.00	0.10	6.00			
		1	19.00	2.00	0.10	3.80			
						11.00	5228.98	57519.00	
	Basic Rate	4933.00							
	Area Weightage @ 6%	295.98							
	Total	5228.98							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
17	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25 / Item No. 5.27 / PWD SR 2014-15	Sqm							
			2	3.00	2.00		12.00		
			2	1.80	2.00		7.20		
							19.20	975.20	18724.00
	Basic Rate	920.00							
	Area Weightage @ 6%	55.20							
	Total	975.20							
18	KSRB 15.3.8: Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 110 / Item No. 15.16 / PWD SR 2014-15 (Out side Wall)	Sqm							
			1	8.40	2.00		16.80	209.88	3526.00
	Basic Rate	198.00							
	Area Weightage @ 6%	11.88							
	Total	209.88							
19	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplasticiser @ 3lts conforming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	Cum							
			1	3.00	2.20	0.15	0.99	5952.96	5893.00
	Basic Rate	5616.00							
	Area Weightage @ 6%	336.96							
	Total	5952.96							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
20	KSRB 4.9.1: Providing mild steel reinforcement for R.C.C work including aightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17 / Item No. 4.45 / PWD SR 2014-15	Qtl							
	Consider 100 Kg/Cum		1.00	0.99			0.99	7828.10	7750.00
	Basic Rate		7385.00						
	Area Weightage @ 6%		443.10						
	Total		7828.10						
21	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15 / Item No. 4.18 / PWD SR 2014-15	Sqm							
			1	2.00	1.90		3.80	308.46	1172.00
	Basic Rate		291.00						
	Area Weightage @ 6%		17.46						
	Total		308.46						
22	KSRB 15.15.2: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. with Primer Page No.113 / Item No. 15.51.2 / PWD SR 2014-15	Sqm							
	For Celing		1	8.40	14.10			118.44	
			1	8.40	5.00			42.00	
			1	8.80	1.20			10.56	
								171.00	
	Inside wall Hall		2	14.10	3.20			90.24	
			2	8.40	3.20			53.76	
			6	5.00	3.20			96.00	
			4	3.40	3.20			43.52	
			4	1.20	3.20			15.36	
								298.88	
								469.88	
	Deductions - For door Doors		1x0.5	2.00		2.10	2.10		
			2x0.5	0.90		2.10	1.89		
			2x0.5	0.75		2.10	1.58		
	Windows		11x0.5	1.50		1.65	2.48		
	Ventialtor		2x0.5	0.90		0.60	2.97		
							11.01		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
							458.87	84.80	38912.00
	Basic Rate	80.00							
	Area Weightage @ 6%	4.80							
	Total	84.80							
23	KSRB 15-16.1: providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thorough brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications with Primer Page No.114 / Item No. 15.53.2 / PWD SR 2014-15	Cum							
	Out Side		2	19.70		4.00	157.60		
			2	8.80		4.00	70.40		
			12	0.80		4.00	38.40		
							266.40		
	Deductions - For door Doors		1x0.5	2.00		2.10	2.10		
	Windows		11x0.5	1.20		0.90	5.94		
	Ventiaitor		2x0.5	0.45		0.60	0.27		
							8.31		
							258.09	79.50	20518.00
	Basic Rate	75.00							
	Area Weightage @ 6%	4.50							
	Total	79.50							

B. Total For Senior Citizen 688488.00

C. Balance work of Library Building

24	KSRRB M800-20: Tubular steel railing of medium weight steel channel (ISMC series) 100 mm x 50 mm :- providing, fixing and erecting 50 mm dia steel pipe railing in 3 rows duly painted on medium weight steel channels (ISMC series) 100 mm x 50 mm, 1.2 meter high above ground, 2m center to center, complete as per approved drawings as per specifications, MORTH specifications No. 808, No. 180 / Item No. 24.24 / PWD SR 2014-15	M							
			1	6.00			6.00	1659.96	9960.00
	Basic Rate	1566.00							
	Area Weightage @ 6%	93.96							
	Total	1659.96							
25	KSRB 12-1.2 : Providing and laying in position to required level or slope 100mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.No. 67 / Item No.11.2 / PWD SR 2014-15	m							
			1	30.00			30.00	360.40	10812.00
	Basic Rate	340.00							
	Area Weightage @ 6%	20.40							
	Total	360.40							

Sl. No.	Description	Unit	No.	L	B	D	Qty	Rate	Amount
26	KSRB 2.5 : Earthwork excavation(in deposited soil) and filling sides of foundation upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layer by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications. Specification. No. KBS 2.9.9/2.9.10.1/2.1.1, Page No. 6 / Item No. 2.12 / PWD SR 2014-15	Cum	1	5.00	5.00	0.60	15.00		
			1	30.00	1.50	0.60	27.00		
			1	30.00	5.00	0.60	90.00		
			1	20.00	2.00	0.60	24.00		
			1	19.00	1.20	0.60	13.68		
							169.68	232.14	39390.00
	Basic Rate		219.00						
	Area Weightage @ 6%		13.14						
	Total		232.14						
27	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12 / Item No. 4.3 / PWD SR 2014-15	Cum	1	5.00	5.00	0.15	3.75		
			1	30.00	1.50	0.15	6.75		
			1	30.00	5.00	0.15	22.50		
			1	20.00	2.00	0.15	6.00		
			1	19.00	1.20	0.15	3.42		
							42.42	4757.28	201804.00
	Basic Rate		4488.00						
	Area Weightage @ 6%		269.28						
	Total		4757.28						
28	KSRB 4-1.6 : Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. No. 12/ Item No. 4.6/ PWD SR 2014-15	Cum	1	5.00	5.00	0.10	2.50		
			1	30.00	1.50	0.10	4.50		
			1	30.00	5.00	0.10	15.00		
			1	20.00	2.00	0.10	4.00		
			1	19.00	1.20	0.10	2.28		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			2	155.00	0.20	0.075	4.65		
							32.93	5228.98	172190.00
	Basic Rate	4933.00							
	Area Weightage @ 6%	295.98							
	Total	5228.98							
29	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 25 / Item No. 5.27 / PWD SR 2014-15	Sqm							
			2	2.40	2.00		9.60		
			2	1.80	2.00		7.20		
	Flagging Course		2	155.00	0.20		62.00		
							78.80	975.20	76846.00
	Basic Rate	920.00							
	Area Weightage @ 6%	55.20							
	Total	975.20							
30	KSRB 15.3.8: Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 110 / Item No. 15.16 / PWD SR 2014-15 (Out side Wall)	Sqm							
			1	7.60	2.00		15.20	209.88	3190.00
	Basic Rate	198.00							
	Area Weightage @ 6%	11.88							
	Total	209.88							
31	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplasticiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	Cum							
			1	2.40	2.20	0.15	0.79		

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
			1	155.00	0.90	0.10	13.95		
							14.74	5952.96	87759.00
	Basic Rate	5616.00							
	Area Weightage @ 6%	336.96							
	Total	5952.96							
32	KSRB 4.9.1: Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17 / Item No. 4.45 / PWD SR 2014-15								
		Qtl							
			1.00	0.79			0.79		
			0.75	13.95			10.46		
							11.25	7828.10	88101.00
	Basic Rate	7385.00							
	Area Weightage @ 6%	443.10							
	Total	7828.10							
33	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15 / Item No. 4.18 / PWD SR 2014-15								
		Sqm							
	Sump Covering Slab		1	2.40	2.20		5.28		
	Drain Covering Slab		1	155.00	0.60		93.00		
	Drain Sides		2	155.00		0.10	31.00		
							129.28	308.46	39878.00
	Basic Rate	291.00							
	Area Weightage @ 6%	17.46							
	Total	308.46							
34	1HP Submersible centrifugal force pump of approved make with all necessary fittings including wiring switch board, starter etc., and Electronic Automatic Equipment (Programmable Logic Control)								
		LRQ							
			2				2	18000.00	36000.00

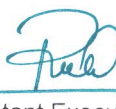
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
35	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No.123)								
		Cum							
						Vide Item No. 1	61.74	73.57	4542.00
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12		5.12						
	Add loading and unloading charges Vide item no.17.1 P.no.130		63.00						
			68.12						
	Area Weightage @ 8%		5.45						
	Total		73.57						
						C. Total For Library Building			770472.00
36	Sub Total					Total A+B+C+D			2473786.00
37	For Third Part QC inspection Charges @ 1% of Estimate Cost								24738.00
38	Miscellaneous and other Charges	L/S							1476.00
						Total			2500000.00

(Rs. Twenty Five Lakhs Only)

CERTIFICATE:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2014-15.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.


Assistant Engineer


Assistant Executive Engineer

Bruhat Bangalore Mahanagara Palike
Vidyanarayapura Sub Division
BBMP, Bangalore - 97


Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs.

Twenty Five Lakhs only

P-0190

Mayor Grant - 14-15

Sanctioned as EE () No. 3/9/...

Subject to conditions contained in

Sanctioning memo EE () No. /9/...

Estimate A/Sanctioned

1120/2014-15
112/2014/ Rs 25.00 Lakhs

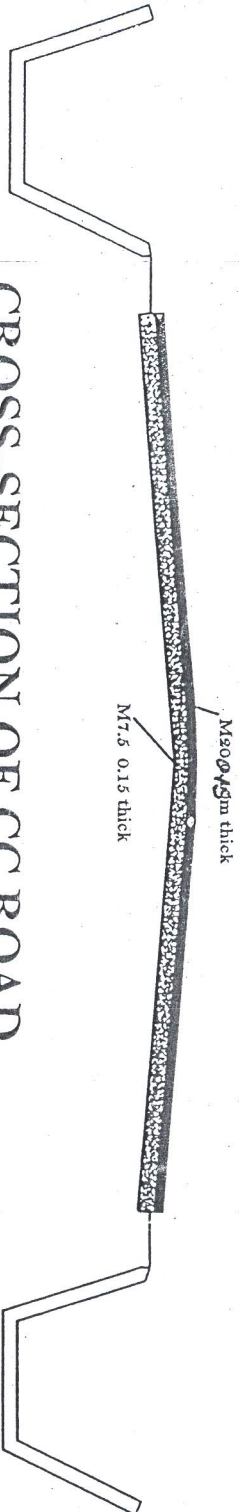
Adt Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Technical Sanction for	25.00 Lakhs
Twenty Five Lakhs only	
Registered at	08
to conditions	22/12/14
No.	33/14-15
AE/JE	22-12-14



NAME OF WORK:-

CROSS-SECTION OF CC ROAD



INDEX



M7.5 1:4:8 0.15m Thick



M20 1:1.5:3 0.10m Thick

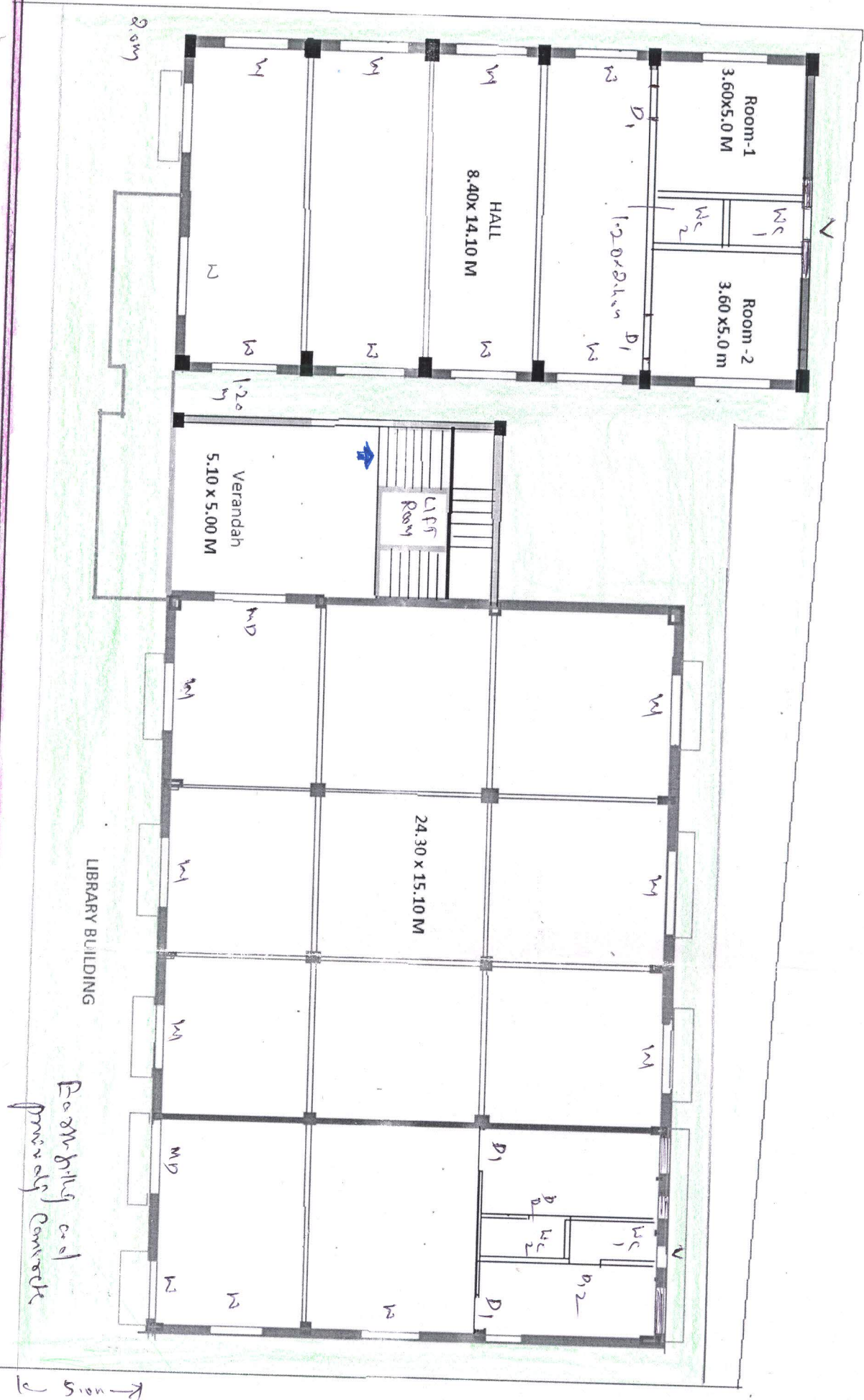
ASSISTANT ENGINEER

[Signature]

ASSISTANT EXECUTIVE ENGINEER
VIDYARANYAPURA SUB DIVISION.

[Signature]

Balance Layout of Senior Campus and Library Building at Wundwinos



For billings and
privately connect

20

↑ Panda, Maria, ...

← no. 5